

09/582779

Search results

Refine Search

Search Results -

Terms	Documents
"orotidine-5'-phosphate" near decarboxylase or URA3	4652

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L15

Refine Search

Recall Text

Interrupt

Search History

DATE: Thursday, April 29, 2004 [Printable Copy](#) [Create Case](#)

Set Name	Query	Hit Count	Set Name result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
L15	"orotidine-5'-phosphate" near decarboxylase or URA3	4652	L15
L14	L13	0	L14
L13	L10 and pyr\$	0	L13
L12	L10 and orotidine	0	L12
L11	L10 and URA3	0	L11
L10	5436158 [pn]	2	L10
L9	(pyrG or pyr4) near5 gene\$ near10 region\$	60	L9
L8	(pyrG or pyr4) near5 gene\$ near10 conserve\$	0	L8
L7	(pyrG or pyr4) near5 gene\$ near10 function\$ near5 motif\$	0	L7
L6	(pyrG or pyr4) near5 gene\$ near10 structure\$	0	L6
L5	(pyrG or pyr4) near5 gene\$	235	L5
L4	("orotidine-5'-phosphate" or URA3) near5 gene\$ near10 (function\$ or struct\$)	120	L4

<u>L3</u>	("orotidine-5'-phosphate" or URA3) near5 gene\$ near10 (function\$ or struct\$) near5 motif\$	0	<u>L3</u>
<u>L2</u>	("orotidine-5'-phosphate" or URA3) near5 gene\$	1264	<u>L2</u>
<u>L1</u>	"orotidine-5'-phosphate" or URA3	4659	<u>L1</u>

END OF SEARCH HISTORY

Set	Items	Description
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? set hi ;set hi		
HIGHLIGHT set on as ''		
HIGHLIGHT set on as ''		
? begin 5,6,55,154,155,156,312,399,biotech,biosci		
>>>	135	is unauthorized

Set	Items	Description
? s	("orotidine-5'phopshate" (n)	decarboxylase or pyrG or pyr4 or URA3) (5n) gene?
Processing		
Processing		
Processing		
Processed 10 of 34 files ...		
Processing		
>>>File 144 processing for GENE? stopped at GENETYPIC		
Processed 20 of 34 files ...		
Processing		
Completed processing all files		
	0	OROTIDINE-5'PHOPSHATE
	173857	DECARBOXYLASE
	0	OROTIDINE-5'PHOPSHATE (N) DECARBOXYLASE
	955	PYRG
	300	PYR4
	5691	URA3
	24676520	GENE?
S1	4114	("OROTIDINE-5'PHOPSHATE" (N) DECARBOXYLASE OR PYRG OR PYR4 OR URA3) (5N) GENE?
? s s1	and (active (n)	site? or motif?)
Processing		
Processed 10 of 34 files ...		
Completed processing all files		
	4114	S1
	3391425	ACTIVE
	5687291	SITE?
	297943	ACTIVE(N)SITE?
	432885	MOTIF?
S2	114	S1 AND (ACTIVE (N) SITE? OR MOTIF?)
? rd s2		
...examined 50 records (50)		
...examined 50 records (100)		
...completed examining records		
S3	47	RD S2 (unique items)
? d s3/3/1-47		
Display 3/3/1 (Item 1 from file: 5)		
DIALOG(R)File 5:Biosis Previews(R)		
(c) 2004 BIOSIS. All rts. reserv.		
0014679985 BIOSIS NO.: 200400060742		
Long inverted repeats are an at-risk motif for recombination in mammalian cells.		
AUTHOR: Waldman Alan S (Reprint); Tran Hiep; Goldsmith Edie C; Resnick Michael A		
AUTHOR ADDRESS: Department of Biological Sciences, University of South Carolina, 700 Sumter St., Columbia, SC, 29208, USA**USA		
AUTHOR E-MAIL ADDRESS: awaldman@sc.edu		
JOURNAL: Genetics 153 (4): p1873-1883 December 1999 1999		
MEDIUM: print		
ISSN: 0016-6731 (ISSN print)		
DOCUMENT TYPE: Article		
RECORD TYPE: Abstract		
LANGUAGE: English		

- end of record -

?
Display 3/3/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0013669012 BIOSIS NO.: 200200262523

Lactose metabolism and cellulase production in *Hypocrea jecorina*: The gal7 gene, encoding galactose-1-phosphate uridylyltransferase, is essential for growth on galactose but not for cellulase induction

AUTHOR: Seiboth B (Reprint); Hofmann G; Kubicek C P

AUTHOR ADDRESS: Bereich Mikrobielle Biochemie und Gentechnologie, Institut für Biochemische Technologie und Mikrobiologie, Technische Universität Wien, Getreidemarkt 9, A-1060, Wien, Austria**Austria

JOURNAL: MGG Molecular Genetics and Genomics 267 (1): p124-132 March, 2002 2002

MEDIUM: print

ISSN: 1617-4615

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 3/3/3 (Item 3 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0013211759 BIOSIS NO.: 200100383598

Nickel resistance and chromatin condensation in *Saccharomyces cerevisiae* expressing a maize high mobility group I/Y protein

AUTHOR: Forzani Celine; Loulergue Clarisse; Lobreaux Stephane; Briat Jean-Francois; Lebrun Michel (Reprint)

AUTHOR ADDRESS: Biochimie et Physiologie Moleculaire des Plantes, Ecole Nationale Supérieure d'Agronomie, CNRS Unite Mixte de Recherche 5004, Université Montpellier 2, Institut National de la Recherche Agronomique, 2 Place Viala, F-34060, Montpellier Cedex 1, France**France

JOURNAL: Journal of Biological Chemistry 276 (20): p16731-16738 May 18, 2001 2001

MEDIUM: print

ISSN: 0021-9258

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 3/3/4 (Item 4 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0011502249 BIOSIS NO.: 199800296496

Degradation signals for ubiquitin system proteolysis in *Saccharomyces cerevisiae*

AUTHOR: Gilon Tamar; Chomsky Orna; Kulka Richard G (Reprint)

AUTHOR ADDRESS: Dep. Biol. Chem., Alexander Silberman Inst. Life Sci., Hebrew Univ. of Jerusalem, Jerusalem 91904, Israel**Israel

JOURNAL: EMBO (European Molecular Biology Organization) Journal 17 (10): p 2759-2766 May 15, 1998 1998

MEDIUM: print

ISSN: 0261-4189

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 3/3/5 (Item 5 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0009990882 BIOSIS NO.: 199598458715

A subunit interface mutant of yeast pyruvate kinase requires the allosteric activator fructose 1,6-bisphosphate for activity

AUTHOR: Collins Richard A (Reprint); McNally Teresa; Fothergill-Gilmore Linda A; Muirhead Hilary

AUTHOR ADDRESS: Tampa Bay Research Inst., 10900 Roosevelt Boulevard, St. Petersburg, FL 33716, USA**USA

JOURNAL: Biochemical Journal 310 (1): p117-123 1995 1995

ISSN: 0264-6021

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 3/3/6 (Item 6 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0009118854 BIOSIS NO.: 199497140139

Sequencing and Functional Analysis of a 32 560 bp Segment on the Left Arm of Yeast Chromosome II. Identification of 26 Open Reading Frames, Including the KIP1 and SEC17 Genes

AUTHOR: Scherens Bart (Reprint); El Bakkoury Mohamed; Vierendeels Fabienne; Dubois Evelyne; Messenguy Francine

AUTHOR ADDRESS: Institut de Recherches du CERIA/COOVI, Laboratoire de Microbiologie, Universite Libre de Bruxelles, Ave. E. Gryson, 1, B-1070, Brussels, Belgium**Belgium

JOURNAL: Yeast 9 (12): p1355-1371 1993 1993

ISSN: 0749-503X

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 3/3/7 (Item 7 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0008975900 BIOSIS NO.: 199396140316

Dominant missense mutations in a novel yeast protein related to mammalian phosphatidylinositol 3-kinase and VPS34 abrogate rapamycin cytotoxicity

AUTHOR: Cafferkey Robert; Young Peter R; McLaughlin Megan M; Bergsma Derk J ; Koltin Yigal; Sathe Ganesh M; Faucette Leo; Eng Wai-Kwong; Johnson Randall K; Livi George P (Reprint)

AUTHOR ADDRESS: Dep. Gene Expression Sci., SmithKline Beecham Pharm., King of Prussia, PA 19406, USA**USA

JOURNAL: Molecular and Cellular Biology 13 (10): p6012-6023 1993

ISSN: 0270-7306

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 3/3/8 (Item 8 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0008911246 BIOSIS NO.: 199396075662

Mutation in the bimD gene of Aspergillus nidulans confers a conditional mitotic block and sensitivity to DNA damaging agents
AUTHOR: Denison Steven H (Reprint); Kaefer Etta; May Gregory S (Reprint)
AUTHOR ADDRESS: Dep. Cell Biol., Baylor Coll. Med., Houston, TX 77030, USA
**USA

JOURNAL: Genetics 134 (4): p1085-1096 1993
ISSN: 0016-6731
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

?

Display 3/3/9 (Item 9 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0008840428 BIOSIS NO.: 199396004844
Pathway correcting DNA replication errors in Saccharomyces cerevisiae
AUTHOR: Morrison Alan (Reprint); Johnson Anthony L; Johnston Leland H; Sugino Akio
AUTHOR ADDRESS: Lab. Mol. Genetics, Natl. Inst. Environ. Health Sci., P.O. Box 12233, Research Triangle Park, NC, USA**USA
JOURNAL: EMBO (European Molecular Biology Organization) Journal 12 (4): p 1467-1473 1993
ISSN: 0261-4189
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

?

Display 3/3/10 (Item 10 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0007799923 BIOSIS NO.: 199192045694
PURIFICATION CHARACTERIZATION AND MUTAGENESIS OF HIGHLY EXPRESSED RECOMBINANT YEAST PYRUVATE KINASE
AUTHOR: MURCOTT T H L (Reprint); MCNALLY T; ALLEN S C; FOTHERGILL-GILMORE L A; MUIRHEAD H
AUTHOR ADDRESS: DEP BIOCHEMISTRY, SCHOOL MEDICAL SCIENCES, UNIVERSITY BRISTOL, BRISTOL BS8 1TD, ENGL, UK**UK
JOURNAL: European Journal of Biochemistry 198 (2): p513-520 1991
ISSN: 0014-2956
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

- end of record -

?

Display 3/3/11 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

140229401 CA: 140(15)229401p PATENT
Three hybrid assay system for isolating ligand-binding polypeptides and for isolating small mol. ligands
INVENTOR(AUTHOR): Come, Jon H.; Becker, Frank; Kley, Nikolai A.; Reichel, Christoph
LOCATION: USA
PATENT: U.S. Pat. Appl. Publ. ; US 20040043388 A1 DATE: 20040304
APPLICATION: US 234985 (20020903) *US PV272932 (20010302) *US PV278233

(20010323) *US PV329437 (20011015) *US 91177 (20020304)
PAGES: 238 pp., Cont.-in-part of U.S. Ser. No. 91,177. CODEN: USXXCO
LANGUAGE: English CLASS: 435006000; C12Q-001/68A; G01N-033/53B;
C07H-021/04B

- end of record -

?

Display 3/3/12 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

138220369 CA: 138(15)220369k PATENT
Compositions and methods for generating antigen-binding units
INVENTOR(AUTHOR): Li, Shengfeng
LOCATION: USA
ASSIGNEE: Abmaxis, Inc.
PATENT: PCT International ; WO 200318761 A2 DATE: 20030306
APPLICATION: WO 2002US26952 (20020822) *US PV314489 (20010822)
PAGES: 71 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-000/A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PH; PL; PT; RO; RU; SD; SE; SG;
SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZW; AM; AZ; BY;
KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL
; SZ; TZ; UG; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
IE; IT; LU; MC; NL; PT; SE; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;

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Display 3/3/12 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.
ML; MR; NE; SN; TD; TG

- end of record -

?

Display 3/3/13 (Item 3 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

138220368 CA: 138(15)220368j PATENT
Non-single chain antigen-binding units comprising light and heavy chain
stabilized with leucine zippers for generating and screening
antigen-binding units for diagnostic and therapeutic uses
INVENTOR(AUTHOR): Li, Shengfeng
LOCATION: USA
PATENT: PCT International ; WO 200318749 A2 DATE: 20030306
APPLICATION: WO 2002US26550 (20020819) *US PV314489 (20010822)
PAGES: 76 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-000/A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SD; SE;
SG; SI; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZM; ZW;
AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW
; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;

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Display 3/3/13 (Item 3 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; SK; TR; BF; BJ; CF; CG; CI; CM;
GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

- end of record -

?

Display 3/3/14 (Item 4 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

138034104 CA: 138(4)34104v PATENT

Reagents and methods for detection and characterization of
protein-protein interactions, nuclear export and localization sequences and
inducible Gal4p-mediated gene expression in yeast

INVENTOR(AUTHOR): Peng, Gang; Hopper, James E.; Vyshkina, Tamara

LOCATION: USA

ASSIGNEE: The Penn State Research Foundation

PATENT: PCT International ; WO 2002101011 A2 DATE: 20021219

APPLICATION: WO 2002US18120 (20020610) *US PV296983 (20010608)

PAGES: 60 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-000/A

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SD; SE;
SG; SI; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZM; ZW;
AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW

-more-

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Display 3/3/14 (Item 4 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.
; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG

- end of record -

?

Display 3/3/15 (Item 5 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

137305756 CA: 137(21)305756p PATENT

Chimeric genes encoding Irep kinase for detection of interactions
between calnexin and calreticulin with Erp57 in endoplasmic reticulum by
yeast two-hybrid assay

INVENTOR(AUTHOR): Pelletier, Marc F.; Jansen, Gregor; Bergeron, John J.
M.; Thomas, David Y.

LOCATION: Can.,

ASSIGNEE: National Research Council of Canada

PATENT: U.S. Pat. Appl. Publ. ; US 20020160408 A1 DATE: 20021031

APPLICATION: US 118937 (20020410) *US PV282854 (20010411) *CA 2358758
(20011009)

PAGES: 13 pp. CODEN: USXXCO LANGUAGE: English CLASS: 435006000;
C12Q-001/68A; C12N-001/18B; C12N-015/74B

- end of record -

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Display 3/3/16 (Item 6 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

137258533 CA: 137(18)258533b PATENT

Molecular cloning and use of hybrid gene cDNA libraries

INVENTOR(AUTHOR): Edwards, David N.
LOCATION: USA
PATENT: U.S. Pat. Appl. Publ. ; US 20020142337 A1 DATE: 20021003
APPLICATION: US 71136 (20020206) *US PV279788 (20010329)
PAGES: 12 pp. CODEN: USXXCO LANGUAGE: English CLASS: 435006000;
C12Q-001/68A; C07H-021/04B; C12N-015/74B

- end of record -

? s "orotidine-5'-phosphate" (n) decarboxylase (5n) (active (n) site?)
2 OROTIDINE-5'-PHOSPHATE
173857 DECARBOXYLASE
3391425 ACTIVE
5687291 SITE?
S4 0 "OROTIDINE-5'-PHOSPHATE" (N) DECARBOXYLASE (5N) (ACTIVE
(N) SITE?)
? s "orotidine-5'-phosphate" (n) decarboxylase (5n) active (n) site?
2 OROTIDINE-5'-PHOSPHATE
173857 DECARBOXYLASE
3391425 ACTIVE
5687291 SITE?
S5 0 "OROTIDINE-5'-PHOSPHATE" (N) DECARBOXYLASE (5N) ACTIVE
(N) SITE?
? s URA3 (5n) active (n) site?
5691 URA3
3391425 ACTIVE
5687291 SITE?
S6 0 URA3 (5N) ACTIVE (N) SITE?
? s URA3 (5n) motif?
5691 URA3
432885 MOTIF?
S7 1 URA3 (5N) MOTIF?
? d s7/9/1
Display 7/9/1 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2004 Elsevier Science B.V. All rts. reserv.

12513219 EMBASE No: 2004107455
Analysis on Origin Recognition Complex containing Orc5p with defective
Walker A Motif
Takahashi N.; Yamaguchi Y.; Yamairi F.; Makise M.; Takenaka H.; Tsuchiya
T.; Mizushima T.
T. Mizushima, Faculty of Pharmaceutical Sciences, Okayama University,
1-1-1, Tsushima-naka, Okayama 700-8530 Japan
AUTHOR EMAIL: mizushima@pharm.okayama-u.ac.jp
Journal of Biological Chemistry (J. BIOL. CHEM.) (United States) 27
FEB 2004, 279/9 (8469-8477)
CODEN: JBCHA ISSN: 0021-9258
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 42

Orc5p is one of six proteins that make up the origin recognition complex

-more-

?
Display 7/9/1 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2004 Elsevier Science B.V. All rts. reserv.
(ORC), a candidate initiator of chromosomal DNA replication in eukaryotes.
To investigate the role of ATP binding to Orc5p in cells, we constructed
orc5-A, a strain of *Saccharomyces cerevisiae* having a mutation in the
Walker A motif of Orc5p (K43E). The strain showed temperature-sensitive
growth. Incubation at a nonpermissive temperature (37degreesC) caused

accumulation of cells with nearly 2C DNA content. Overproduction of Orc4p, another subunit of ORC, suppresses this temperature sensitivity, but overproduction of other subunits did not. Overproduction of Orc4p did not suppress the temperature sensitivity of another *orc5* mutant, *orc5-1*, whose mutation, L331P, is outside the ATP-binding motif. These results suggest that Orc4p is specifically involved in ATP binding to Orc5p itself or its function in DNA replication. Immunoblotting experiments revealed that in the *orc5-A* strain at a nonpermissive temperature, all ORC subunits gradually disappeared, suggesting that ORC5-A becomes degraded at nonpermissive temperatures. We therefore consider that ATP binding to Orc5p is involved in efficient ORC formation and that Orc4p is involved in this process.

-more-

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Display 7/9/1 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2004 Elsevier Science B.V. All rts. reserv.

DRUG DESCRIPTORS:

*protein
adenosine triphosphate; unclassified drug

MEDICAL DESCRIPTORS:

*complex formation; *protein motif
molecular recognition; DNA replication; *Saccharomyces cerevisiae*;
temperature sensitivity; chromosome replication; temperature sensitive
mutant; protein degradation; immunoblotting; enzyme activity; gene;
nonhuman; article; priority journal

DRUG TERMS (UNCONTROLLED): protein *orc5p*

MEDICAL TERMS (UNCONTROLLED): walker a motif; *orc5a* gene; *leu2* gene;
ura3 gene

CAS REGISTRY NO.: 67254-75-5 (protein); 15237-44-2, 56-65-5, 987-65-5 (
adenosine triphosphate)

SECTION HEADINGS:

029 Clinical and Experimental Biochemistry

- end of record -

?